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## ESSEX INSTITUTE.

PRESENTED BY

HENRY WHEATLAND.

The Library Committee shall divide the books and other articles belonging to the Library into three classes, namely: (a) those which are not to be removed from the building; (b) those which may be taken only by written permission of three members of the committee; (c) those which may circulate under the following rules:—

Members shall be entitled to take from the Library two folio or quarto volumes, or four volumes of lesser fold, with the plates belonging to the same, upon having them recorded by the Librarian, or Assistant Librarian, and promising to make good any damage they sustain, while in their possession, and to replace the same if lost, or pay a sum fixed by the Library Committee.

No person shall lend any book belonging to the Institute, excepting to a member, under a penalty of one dollar for each offence.

The Library Committee may allow members to take more than the allotted number of books upon a written application, and may also permit other persons than members to use the Library under such conditions as they may impose.

No person shall detain any book longer than four weeks from the Library, if notified that the same is wanted by another member, under a penalty of five cents per day, and no volume shall be detained longer than three months at one time under the same penalty.

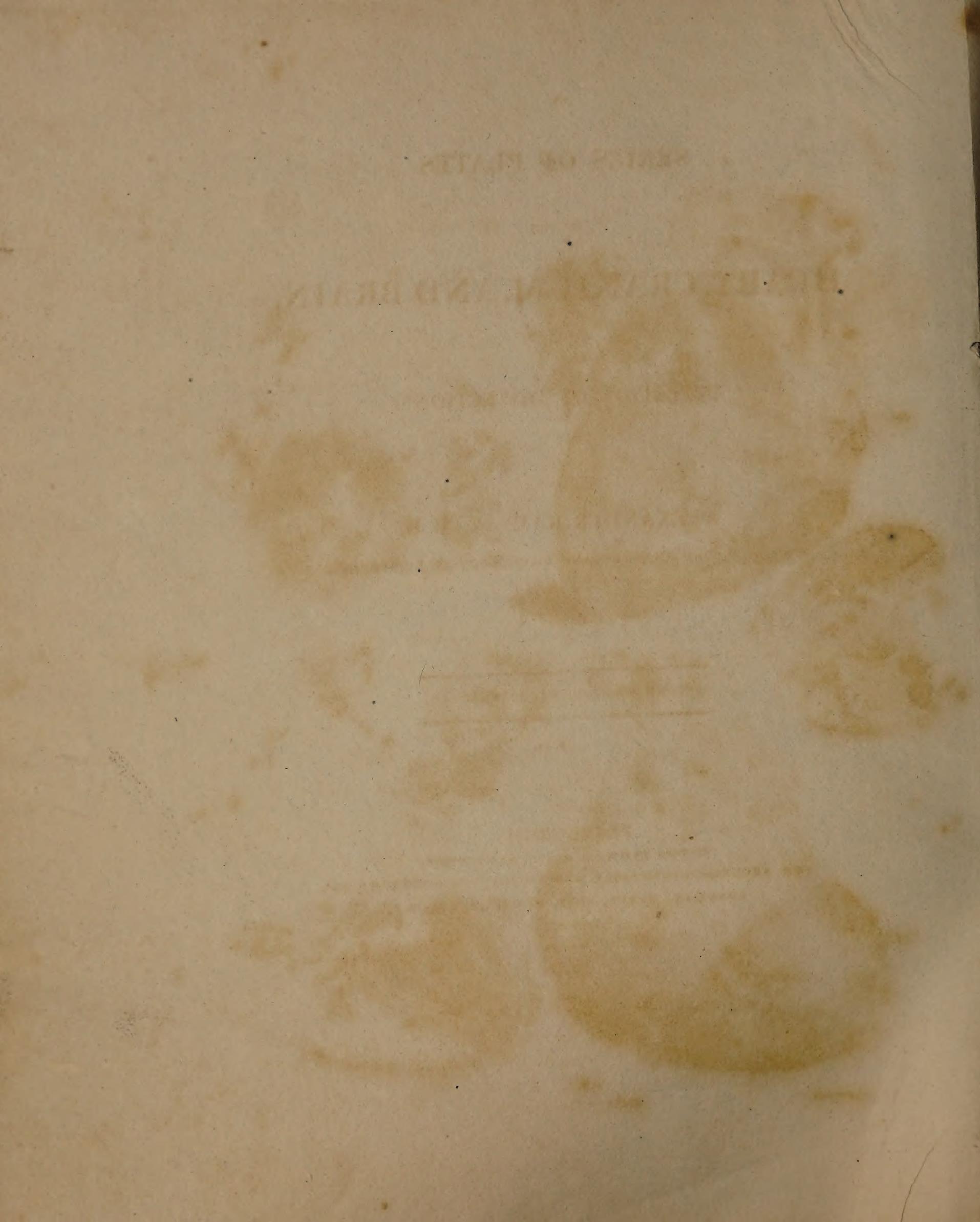
The Librarian shall have power by order of the Library Committee to call in any volume after it has been retained by a member for ten days.

On or before the first Wednesday in May all books shall be returned to the Library, and a penalty of five cents per day shall be imposed for each volume detained.

No book shall be allowed to circulate until one month after its receipt.

W-611.07-R17





A  
SERIES OF PLATES  
OF THE  
HEART, CRANIUM, AND BRAIN,  
IN  
IMITATION OF DISSECTIONS.

BY  
ALEXANDER RAMSAY, M.D.  
LECTURER ON ANATOMY AND PHYSIOLOGY IN EDINBURGH.

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SECOND EDITION, MUCH ENLARGED.

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EDINBURGH:  
PRINTED BY GEORGE RAMSAY AND COMPANY,  
FOR ARCHIBALD CONSTABLE AND COMPANY, EDINBURGH; AND  
LONGMAN, HURST, REES, ORME, AND BROWN,  
LONDON.

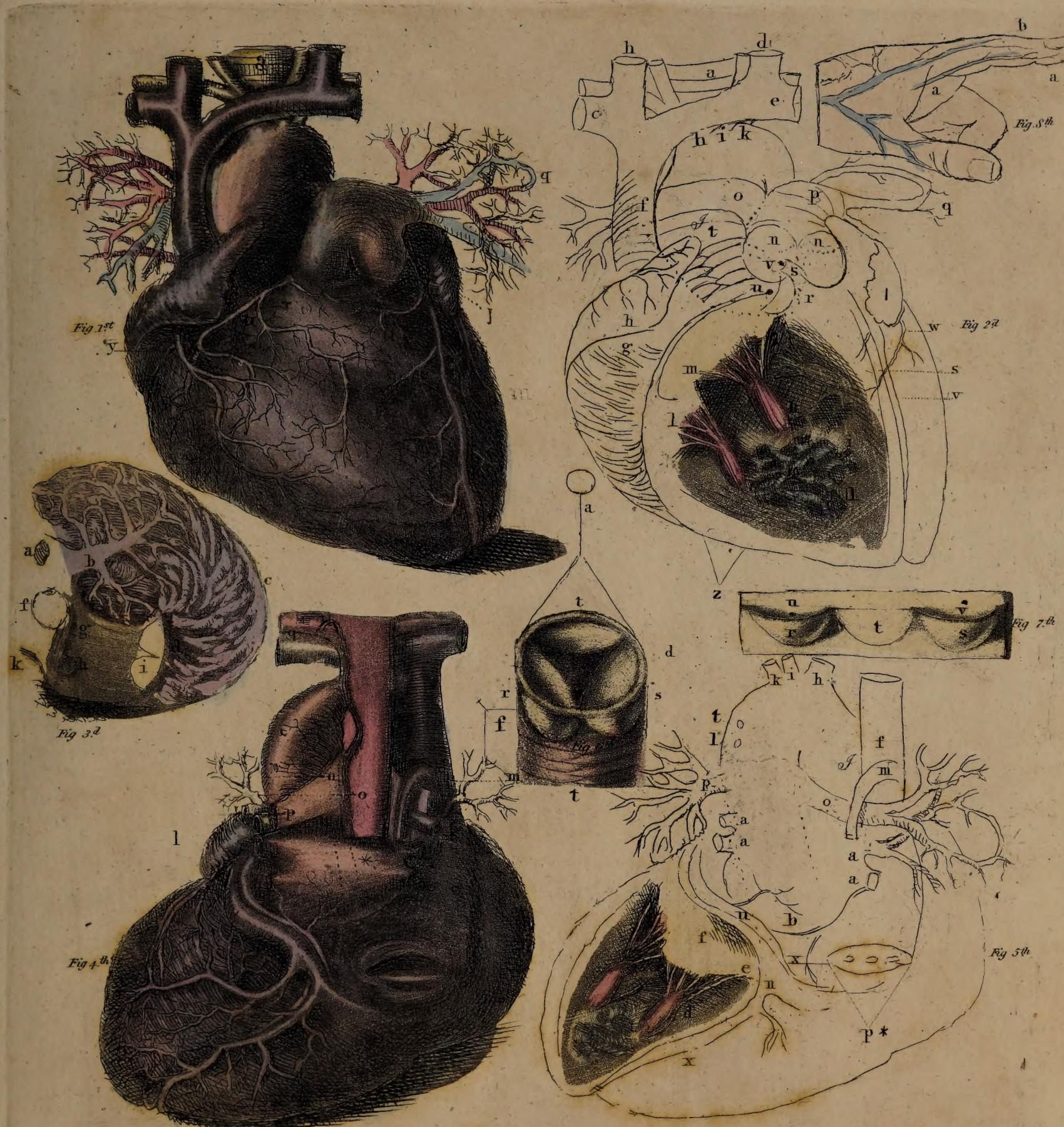
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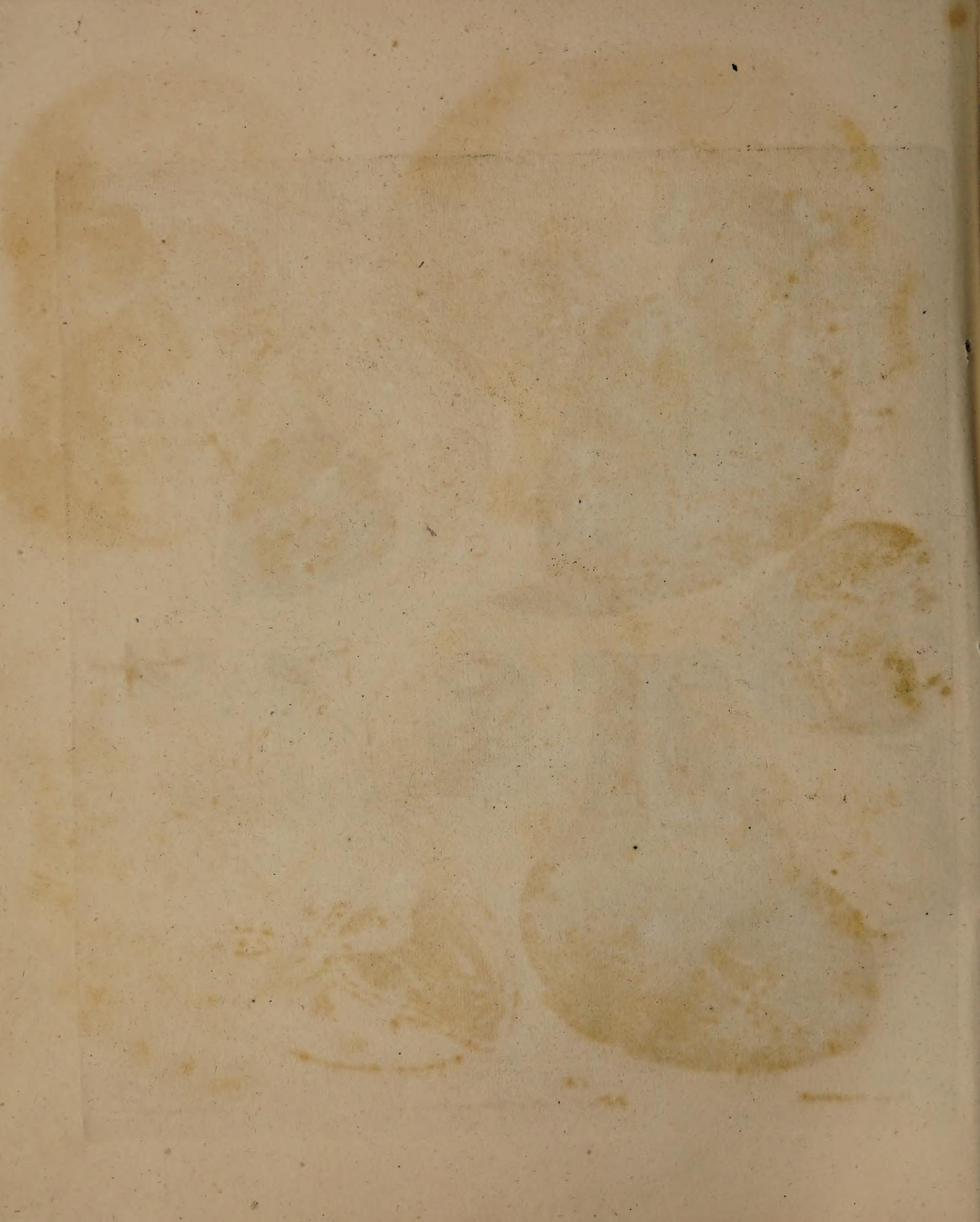
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SERIES OF PLATES

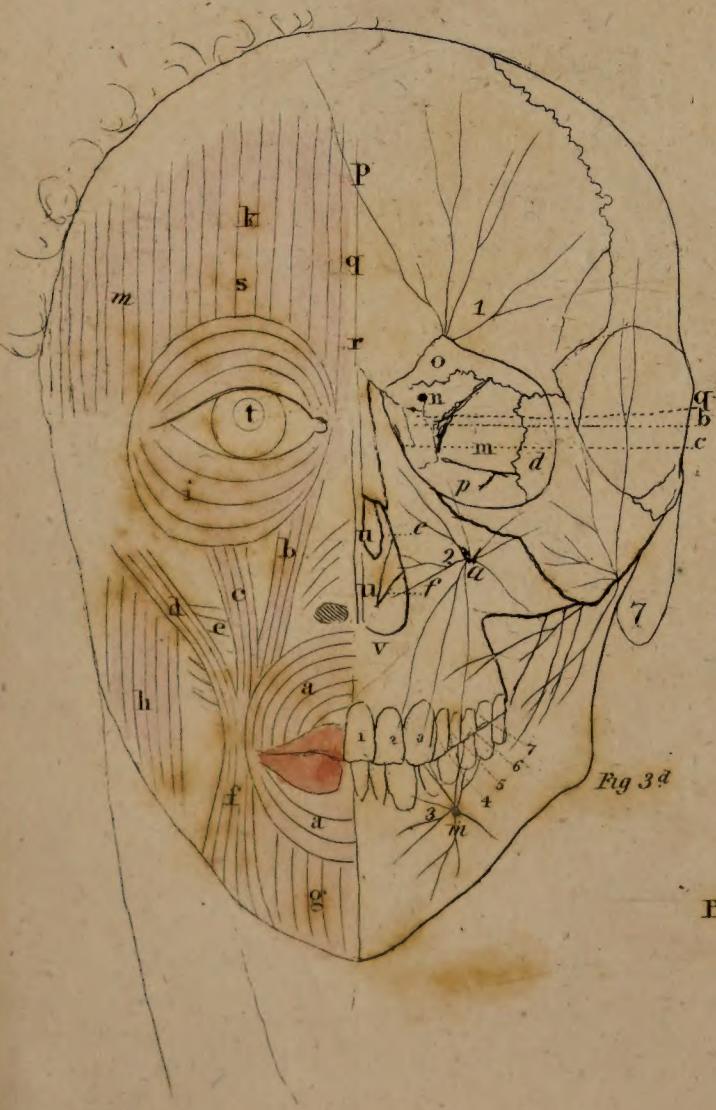
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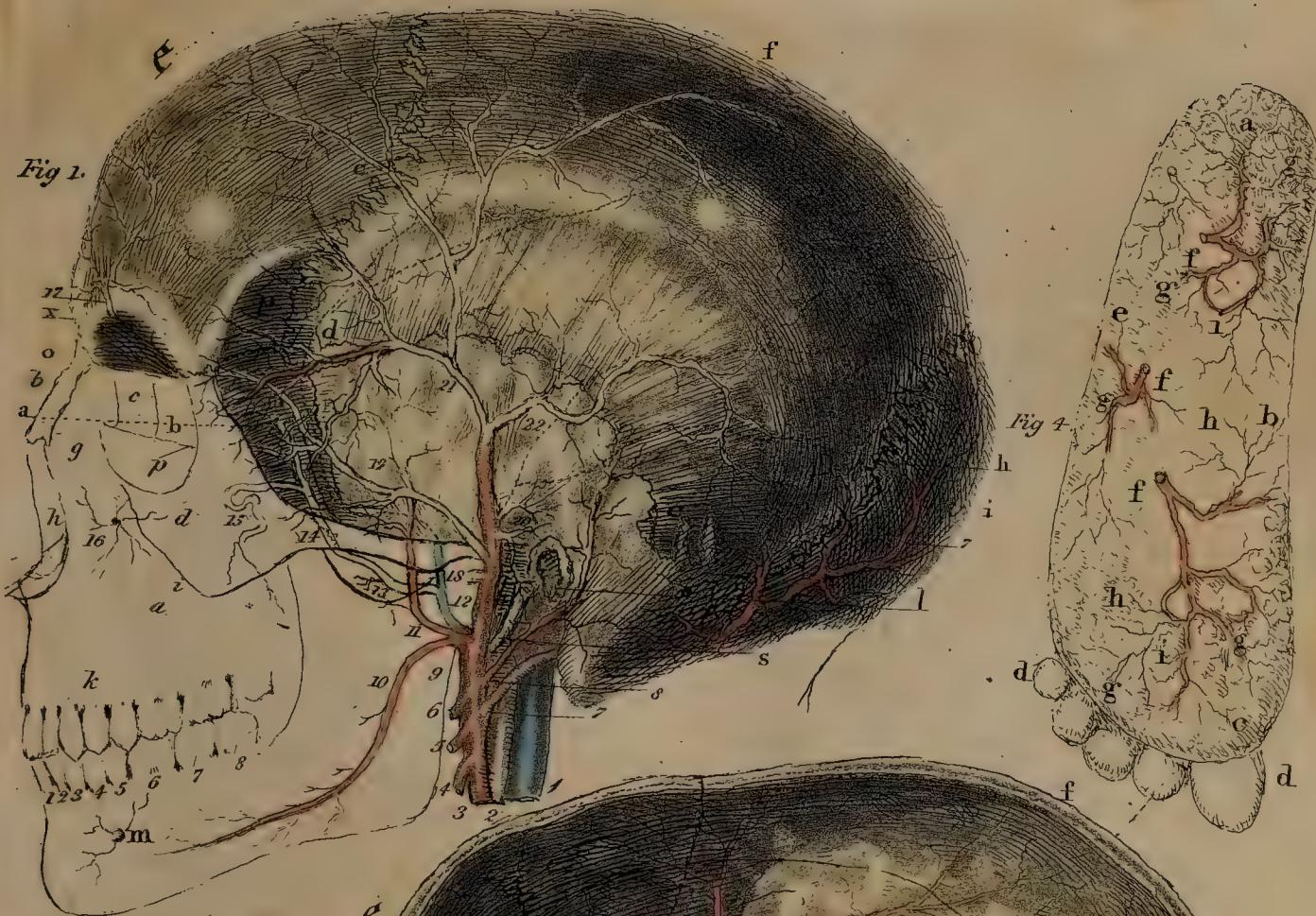
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P.II.

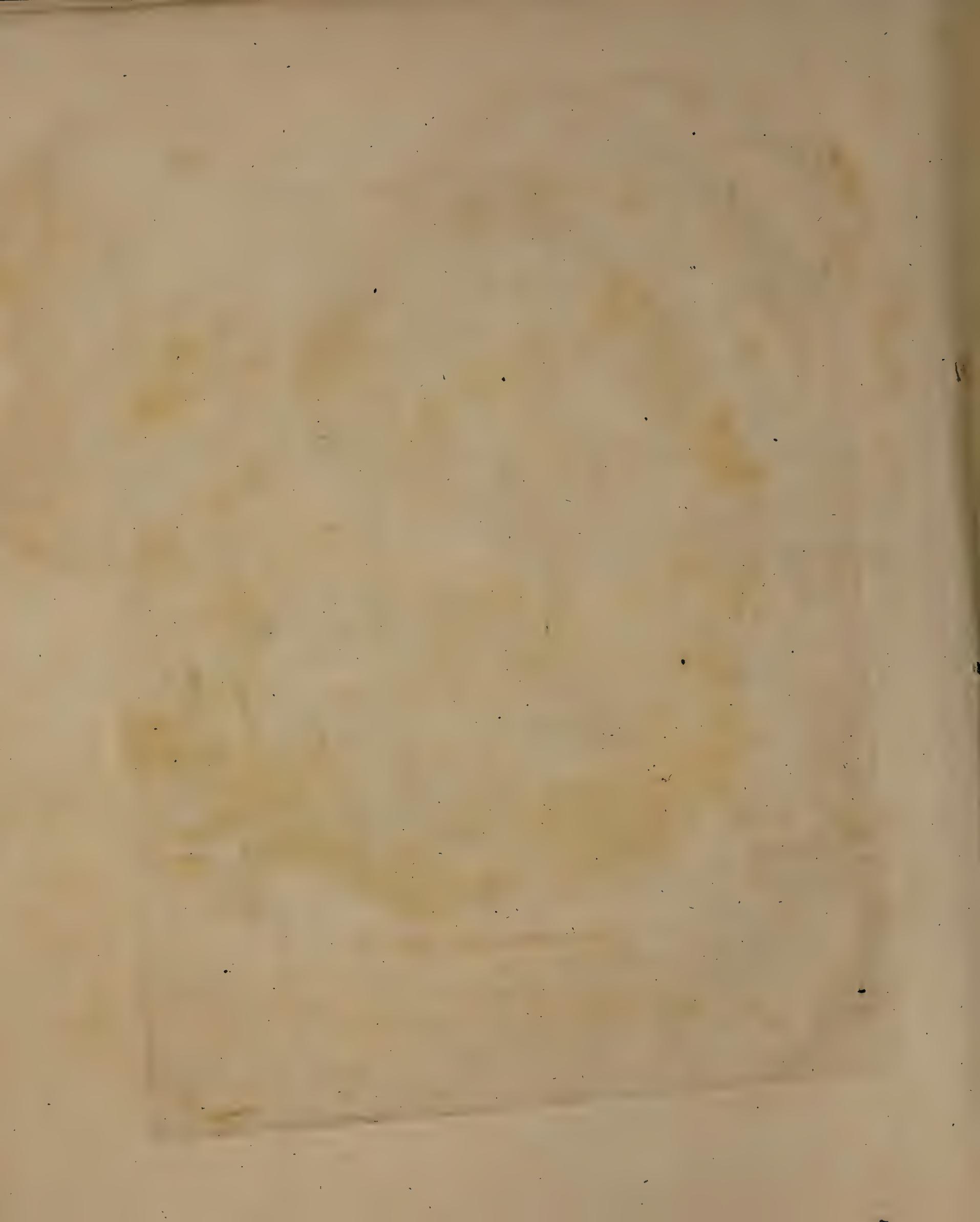


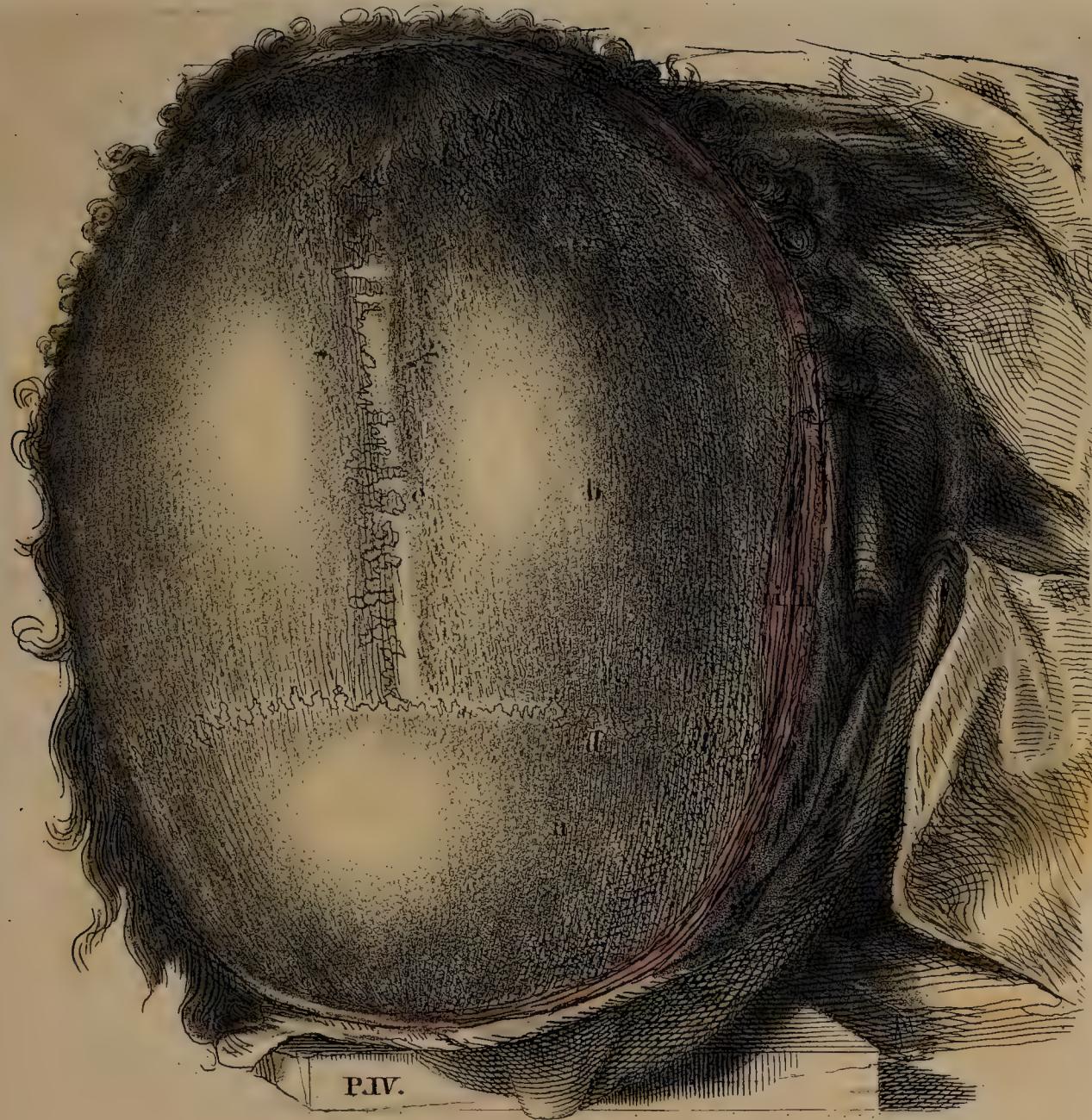
P. III

J. Horner M.D. delt. at. Sculpt.

Pub'd by A. Constable & C°. Edin°. Sept 1813.

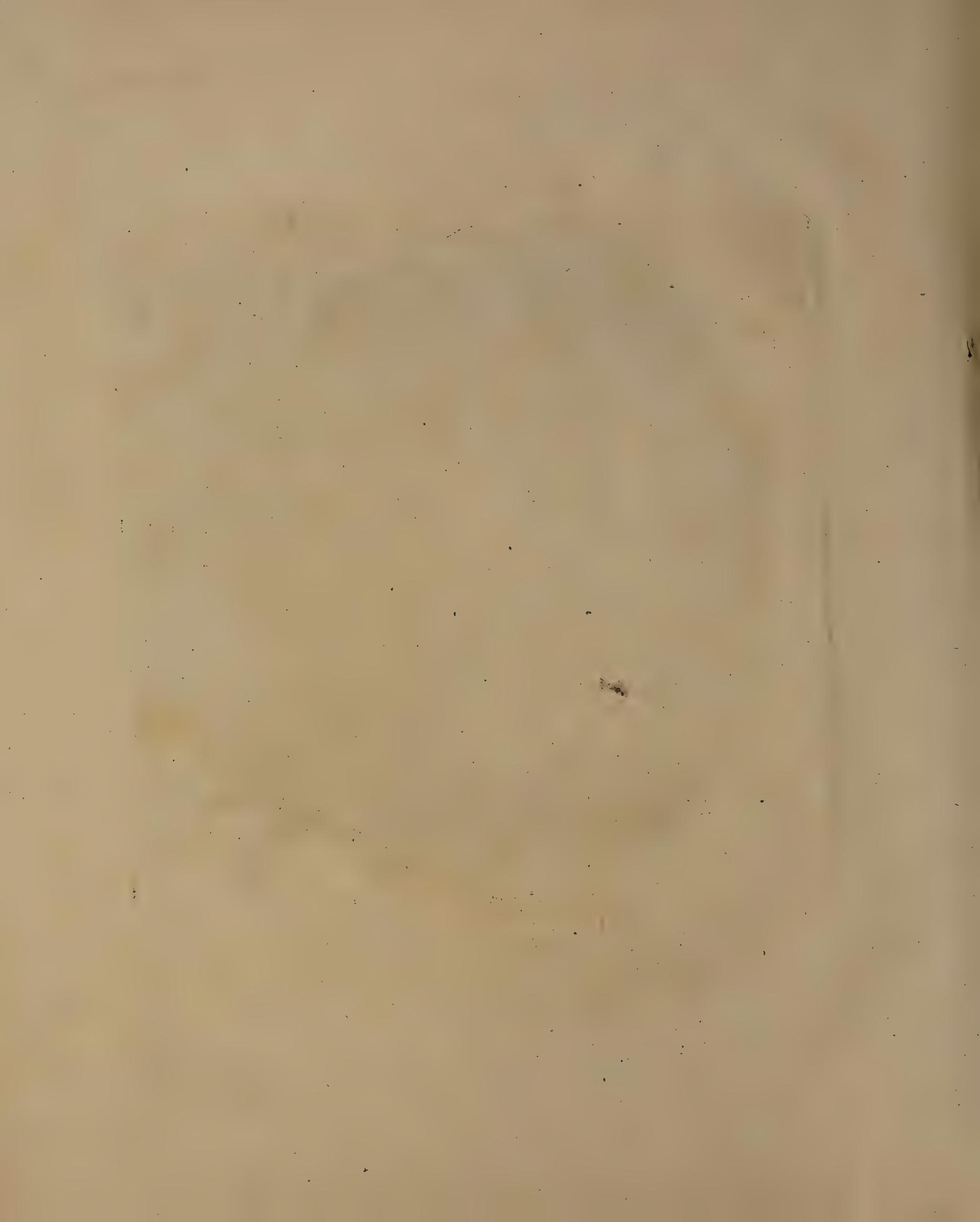
R. Scott. Engraver.





The Integuments removed

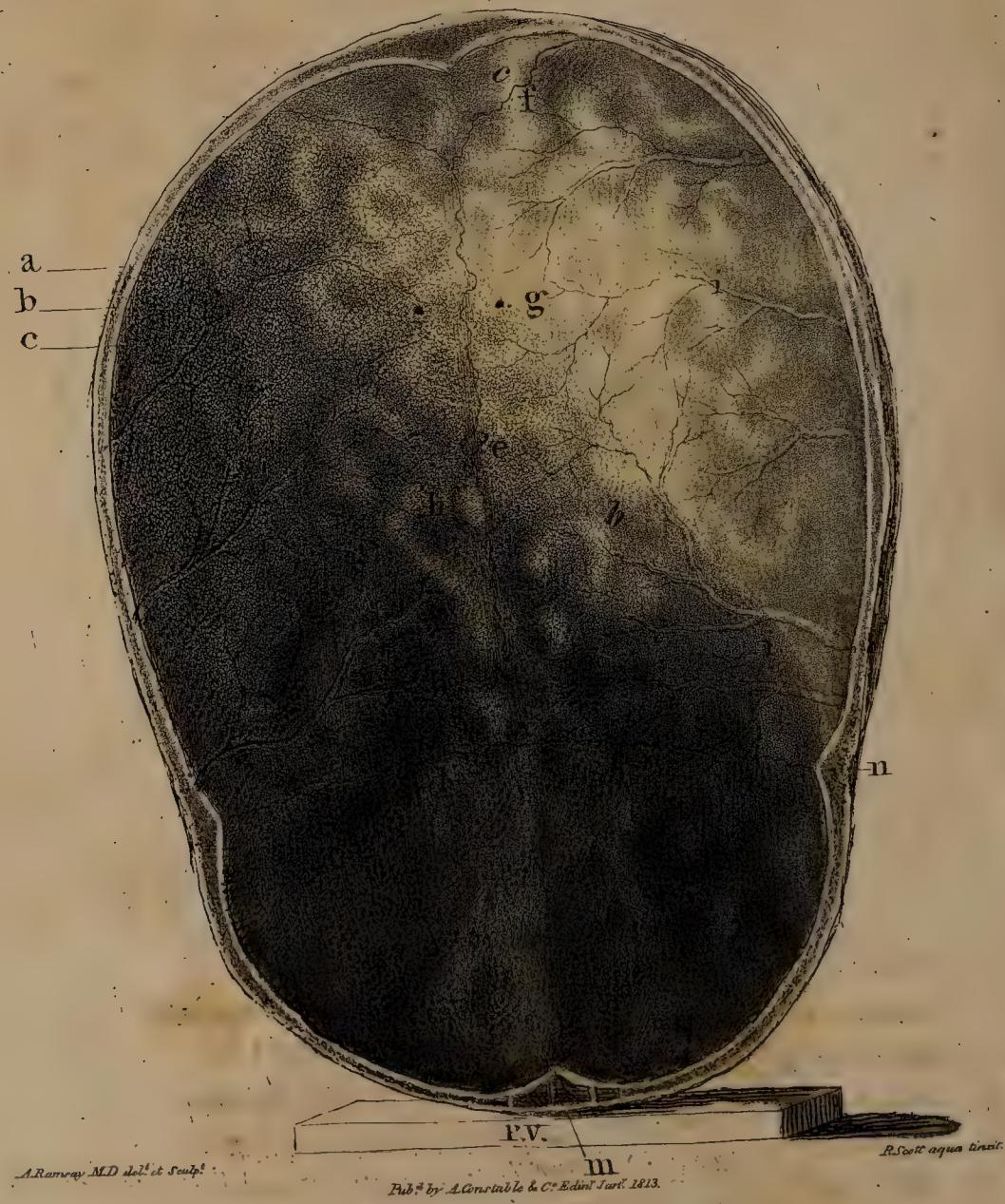
a. *os Frontis.* b. *ossæ Parietalia.* c. *os occipitis.* d. *Coronal Suture.*  
e. *Sagittal suture.* f. *Lambdoidal suture.* g. *Venous Foramina.*  
h. *Section of the Integuments.* i. *Section of the Temporal Muscle.*

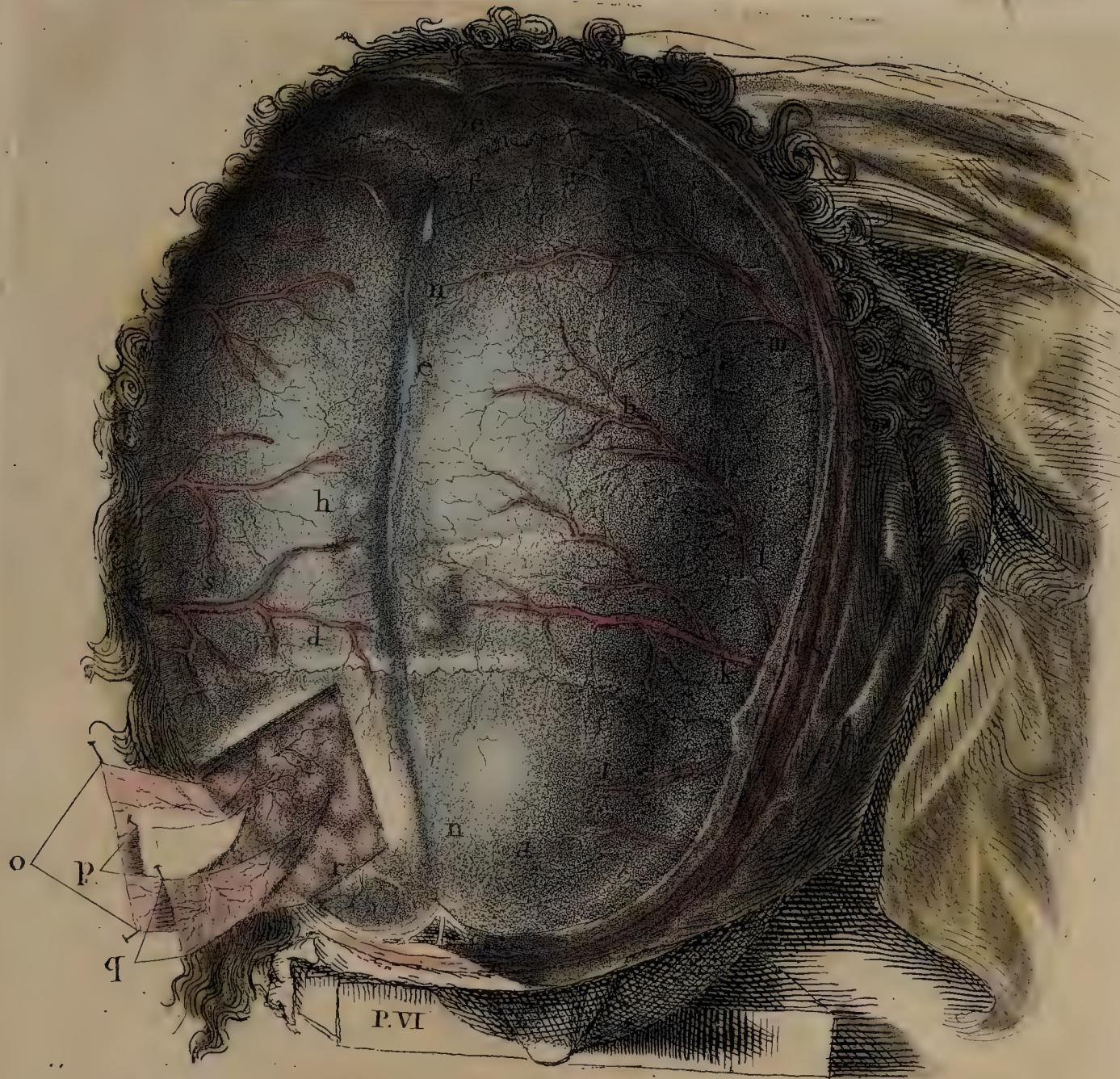




### The Calvaria.

a. The external Table. b. Diploe. c. Internal Table. a, b, c.  
ossa Frontis, Parietalia & occipitis. d, e, f. Coronal, Sagittal &  
Lambdoidal Sutures. g. Venous Foramina. h. Cerebral Depressions  
i. Vascular Grooves. m. Frontal Sinus.





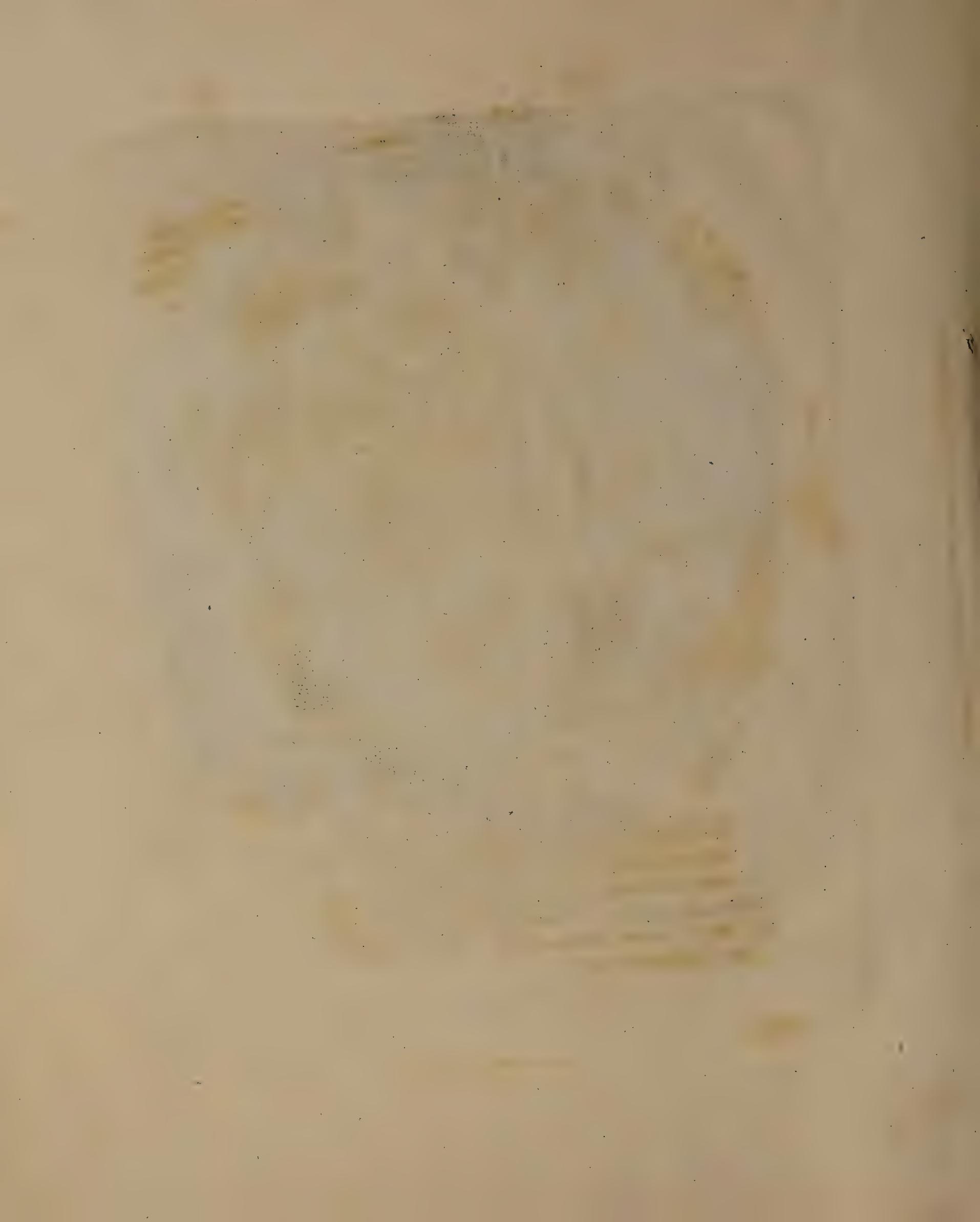
The Calvaria removed.

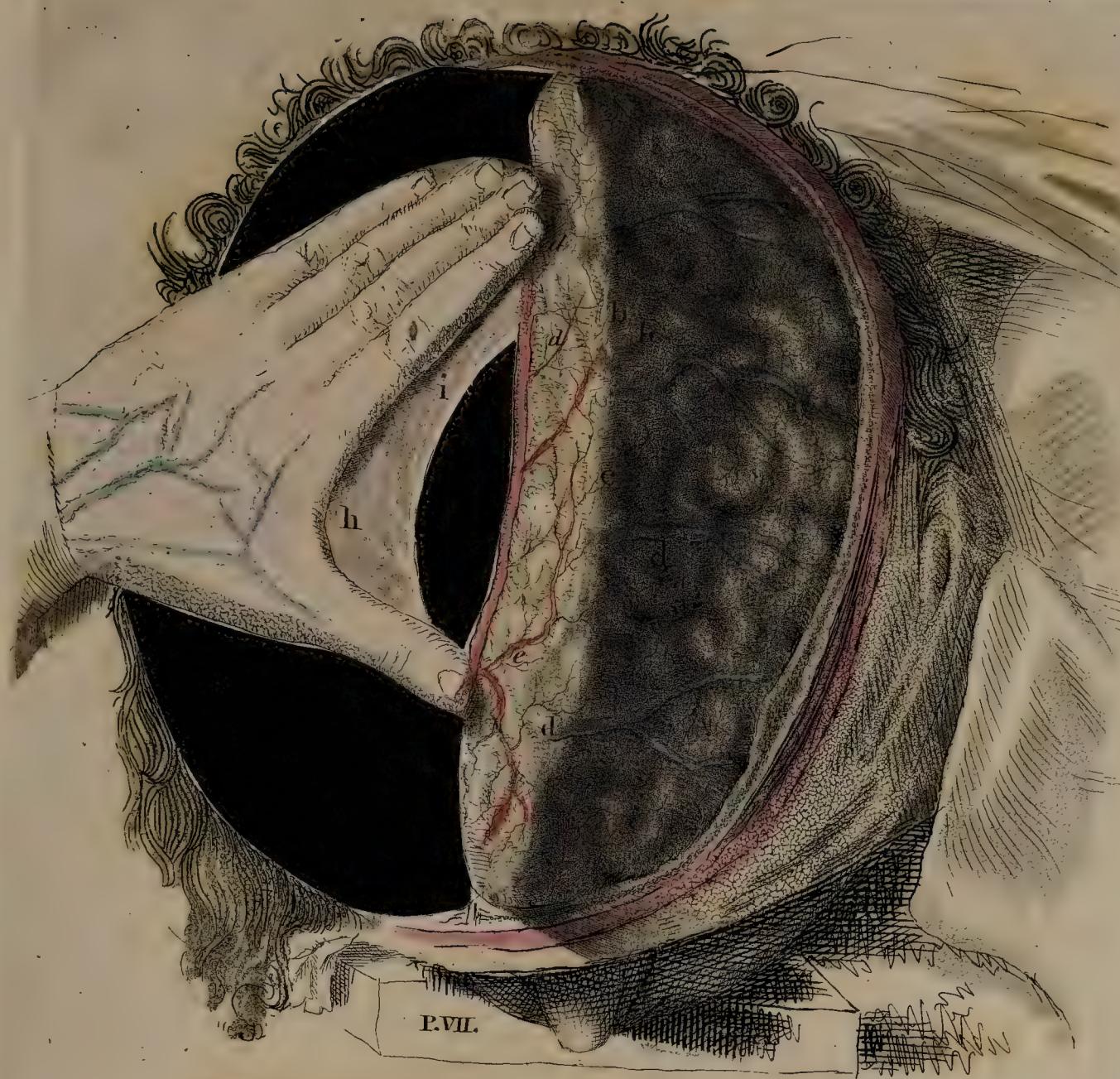
a.b.c The external Lamina of the Dura Mater. d.e.f. Lacerations corresponding to the Sutures. h. Cerebral Eminences. i.k.l.m. Meningeal Arteries. n. Longitudinal Sinus. o. Internal Smooth Lamina of the Dura Mater. p. Arachnoid Coat. q. Pia Mater. r. Cerebrum's Substance. s. Section of the Integuments. t. Temporal Muscle. u. Section of the Calvaria.

A. Ramsay M.D. del'd & sculp't

Pub'd by A. Constable & C° Edinb' Jan' 1823.

R. Scott aqua tinct.

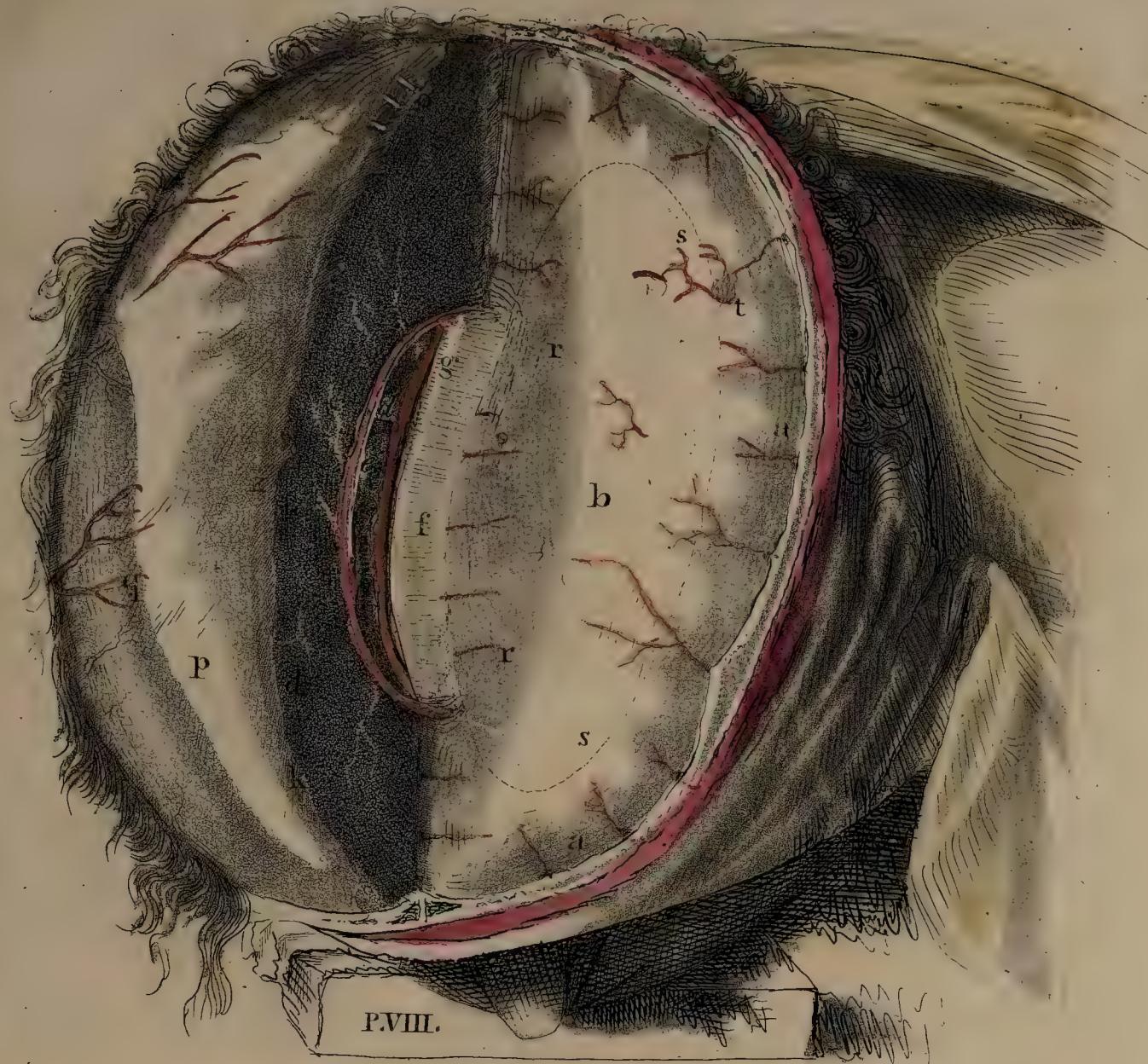




The Hemispheres separated, to exhibit the  
Vertical Walls. Falx. And Corpus Callosum.

*The Dura Mater on the left removed from* a. *The Hemisphere of the*  
*Cerebrum.* b. *Its Convolutions.* c. *Glandulae Pachioni.* d. *Veins.* e. *Vertical*  
*Walls.* f. *Corpus Callosum.* g. *Pia.* h. *Falx.* i. *Inferior Longitudinal Sinus.*  
k. *Superior Longitudinal Sinus.*





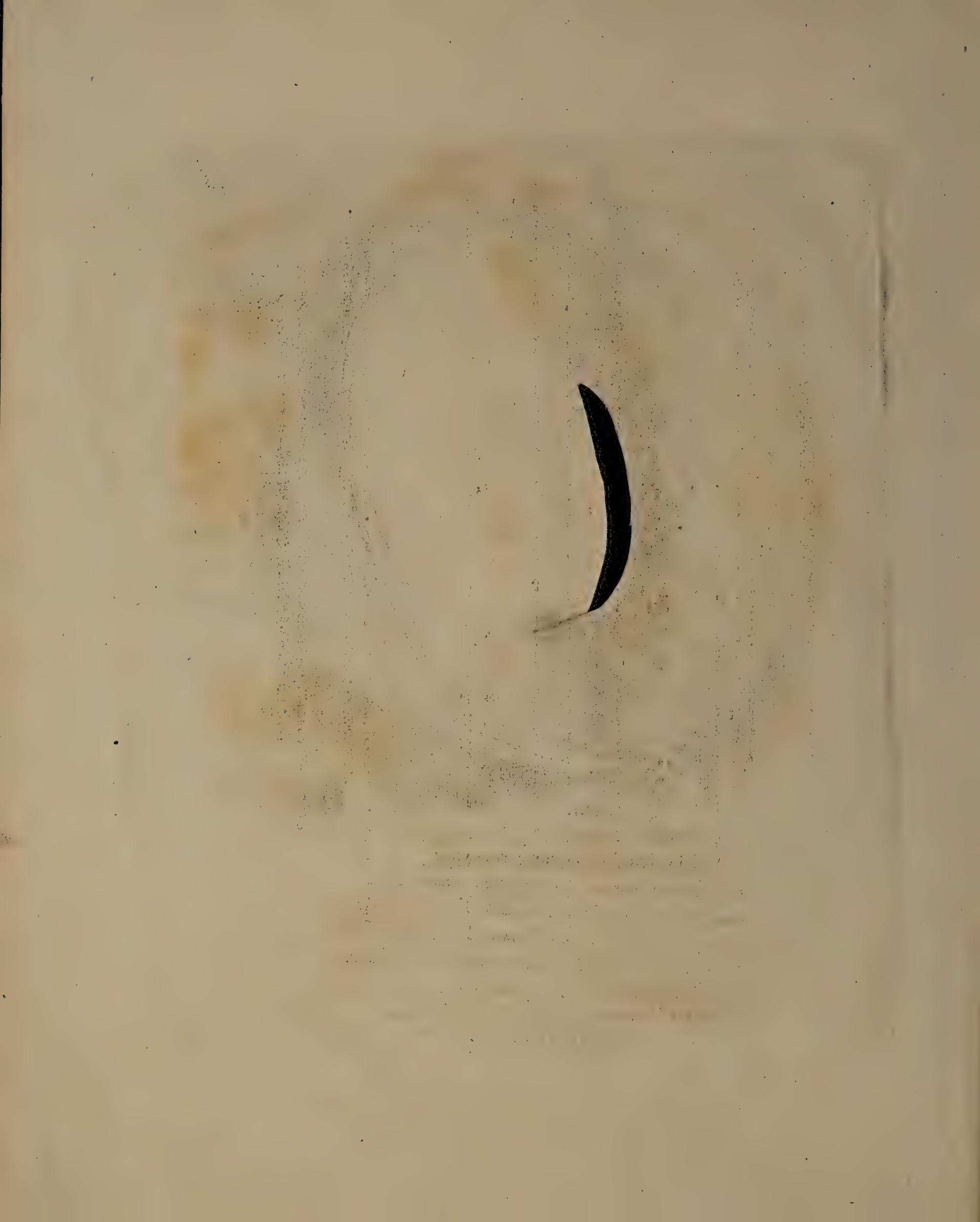
The left Hemisphere removed

a. The Cerebrous Substance. b. Centrum Ovale. c. Frænula of the  
 Sinus. p. Internal Lamina of the Dura Mater of the Left Hemisphere  
 thrown up. q. External Lamina of the Dura Mater of the right side.  
 d. Inferior Artery of the Corpus Callosum. e. Superior Artery of the  
 Corpus Callosum.

A. Ramsay M.D. Del et Sculp<sup>t</sup>

Pub<sup>d</sup> by A. Constable & C<sup>o</sup> Edin<sup>r</sup> Jan<sup>r</sup> 1813

P. Scott aquæ tinct<sup>r</sup>





Vertical section of the Hemisphere

Corpus Callosum, Septum Lucidum, &c.

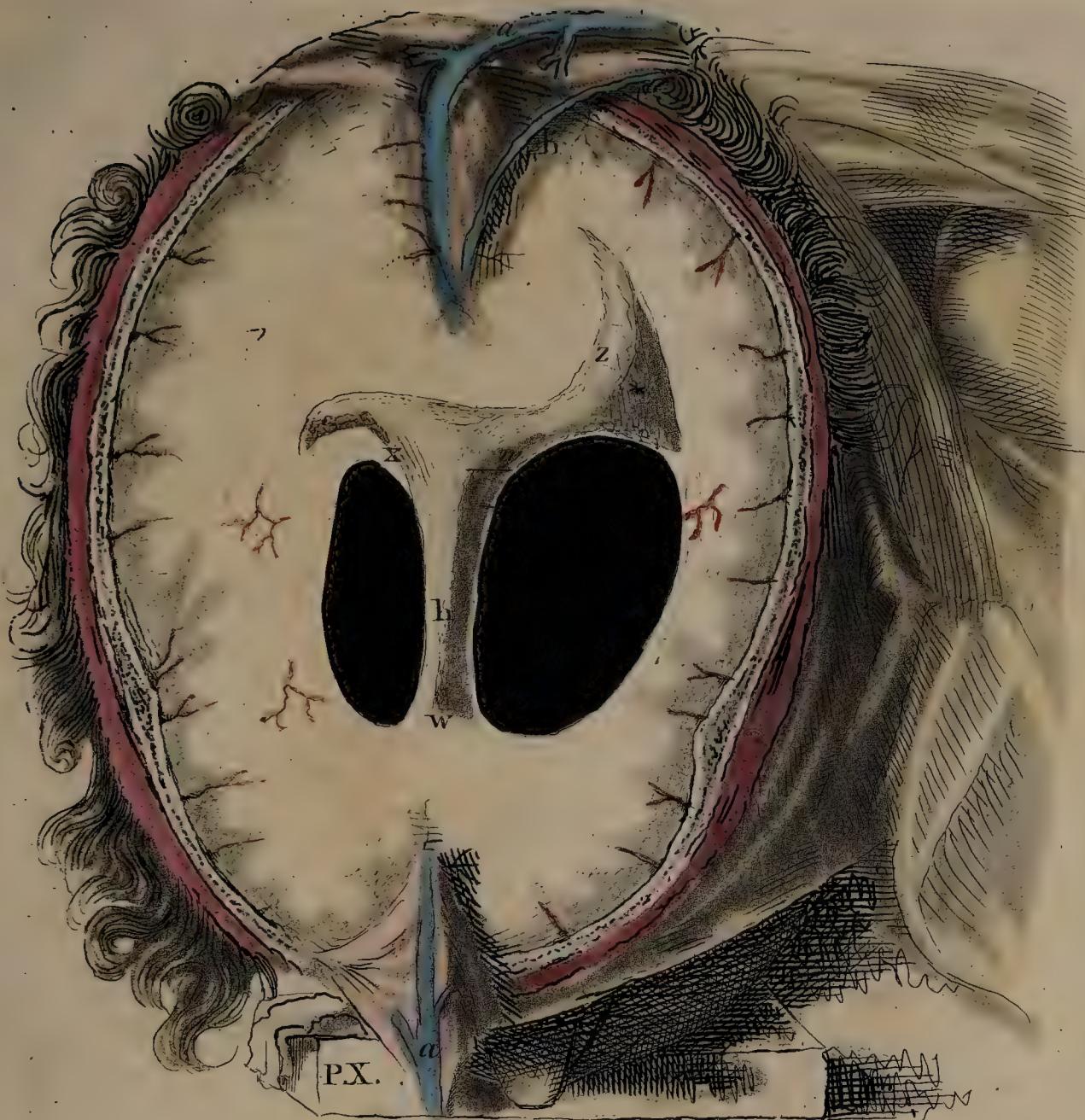
e Vertical Walls of the Hemisphere. f Extremities of the Cerebral Arteries. d Veins of the Brain. l Vertical Section of the Corpus Callosum. k Septum Lucidum. h Fornix.

m Plexus Choroides. n Thal. nervi Opt. o Tertia Striata. p Corp. Striatum. q Foramen of Monro. a Sup. Longitudinal Sinus. b Inf. Longitudinal Sinus. r Falx.

Pubd by A. Constable & C. F. D. 1803.

R. Scott aquat. tinct.





The Hemisphere, Corpus Callosum, &

Septum removed.

h. The Body of the Fornix. w. The Anterior Grana Fornicis.

v. the Fimbriae. X. the Posterior Grana Fornicis.

z Hippocampus Minor. d Hippocampus Major. \*Digital

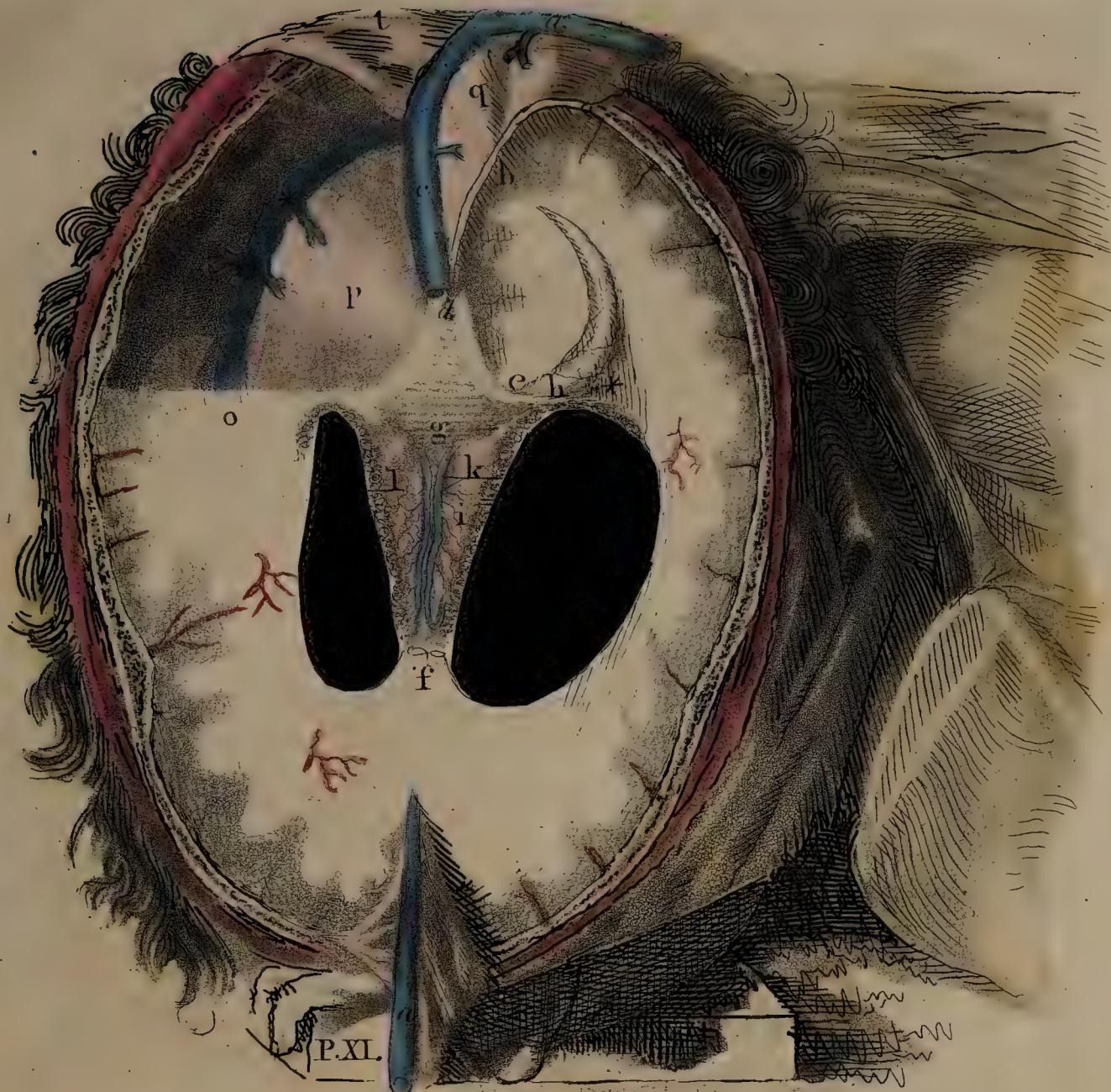
or Posterior Sinus.

J. Ramsay M.D. Delit. & Sculpt.

Pl. Scott Aquæ tintæ.

Pubd by A. Constable & C° Edinburgh Jan: 1812.





### The Fornix removed.

- o. The Posterior lobe of the Cerebrum removed to exhibit. p. the Tentorium.
- t. The Dura Mater. (f. Falx. u. Superior Longitudinal Sinus. b. Inferior.
- \* Lateral Sinus. c. Torecalai Herophili. d. Body of the Fornix. e. Posterior.
- f. Anterior Guru. g. Lyra. h. Embrice. i. the Velum composed of the Pia Mater.
- k. Vena Galeni. l. Plexus Choroides.



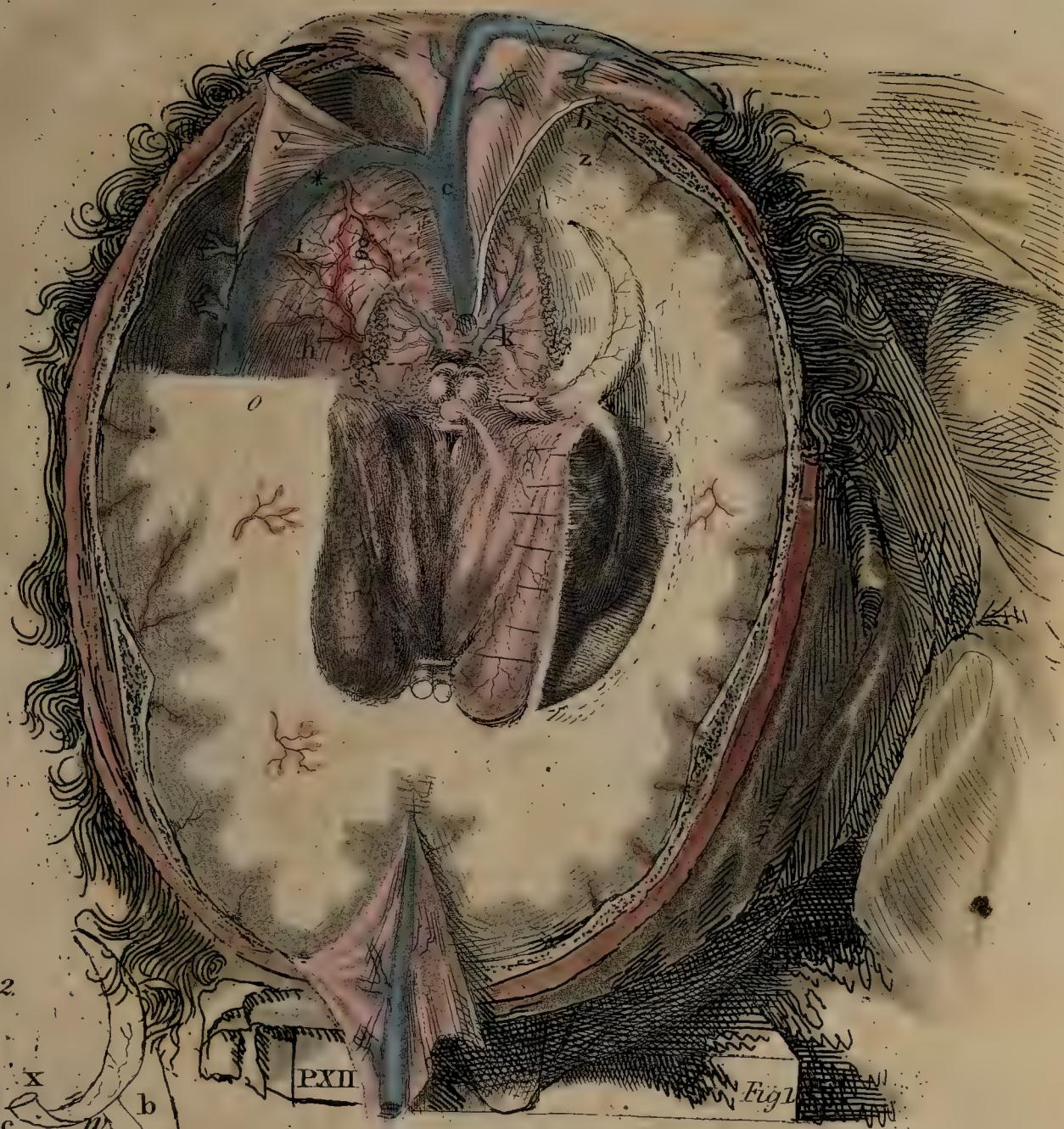
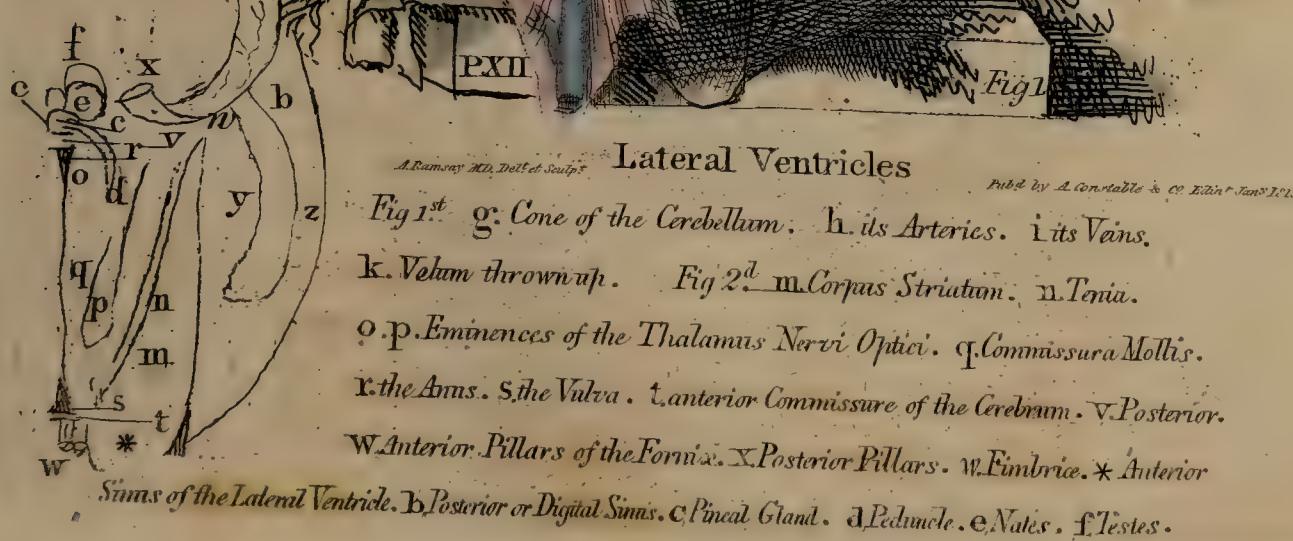


Fig 2.



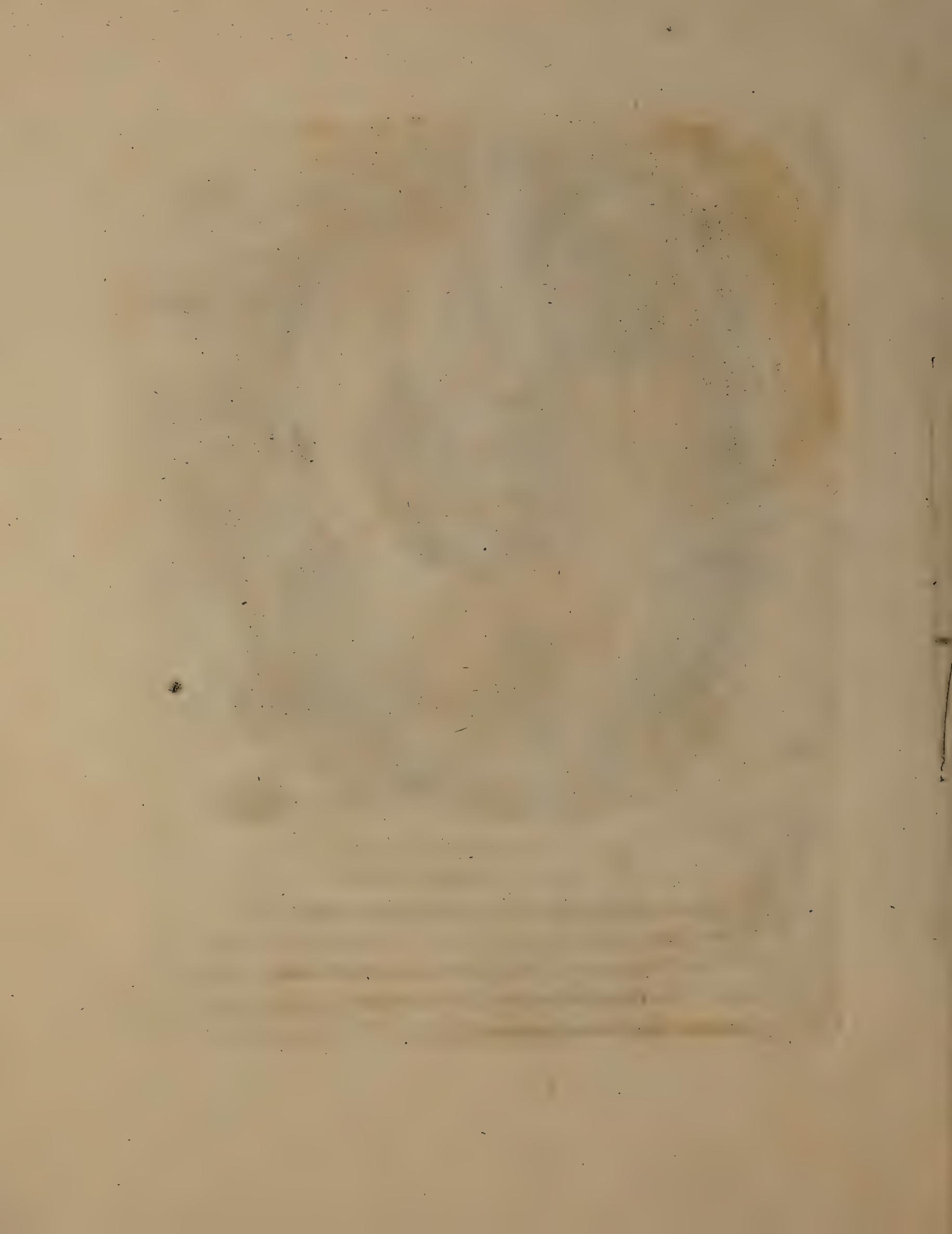




Fig 3d

P.XIII.

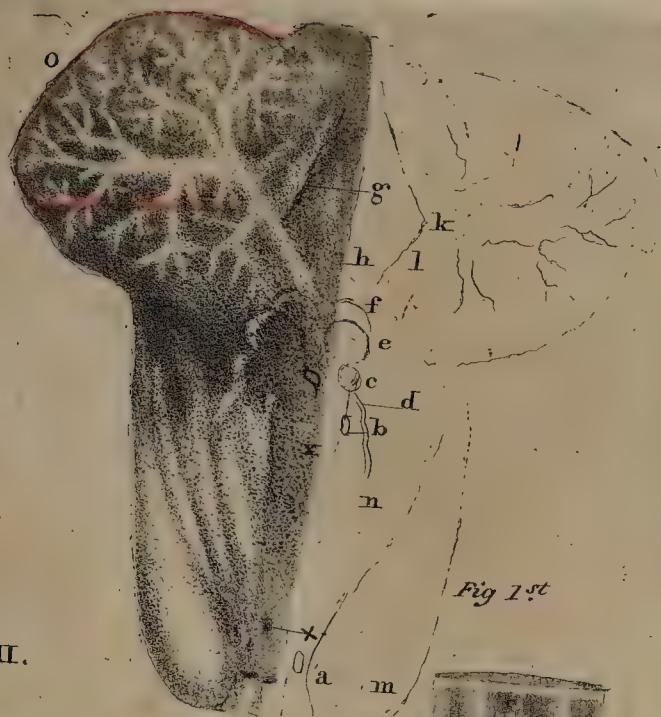


Fig 1<sup>st</sup>

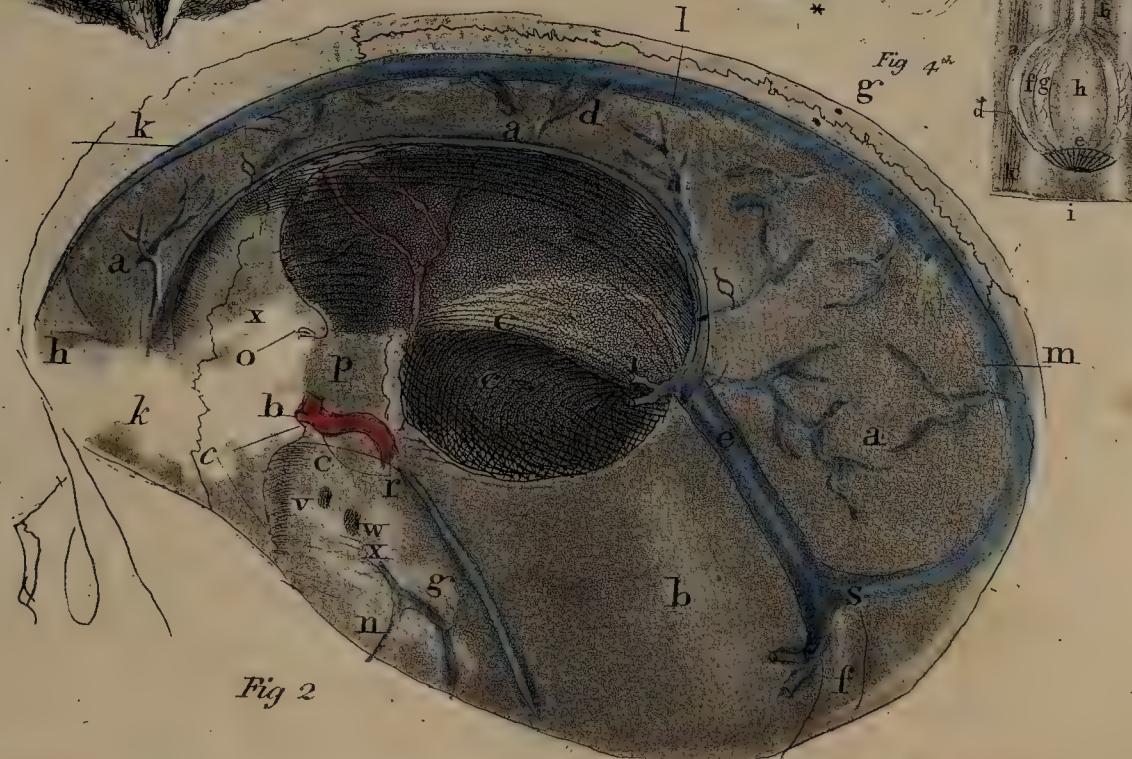


Fig. 2

Fig 1<sup>st</sup> Section of the Commissari Mollis. Commissura anterior.  
& Posterior. Nates. Testes & Cerebellum.

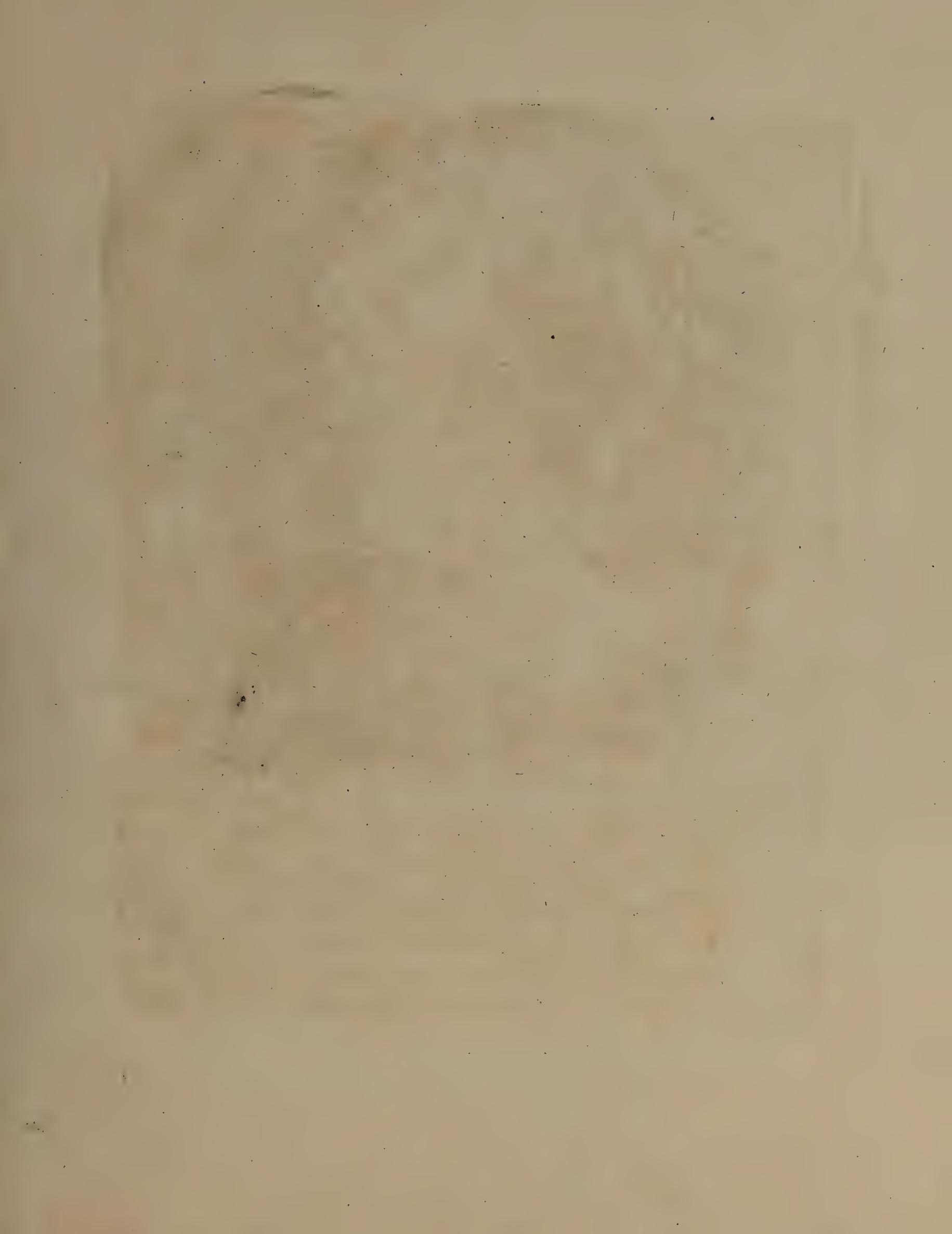
*Fig. 2d.* a. Falx. b Tentorium. c Foramen Ovale. d Longitudinal Sinus. e Torcular. f Vena Galeni. g Lateral sinus. h Superior petrous Sinus. i Crista Galli. j Inferior Longitudinal Sinus.

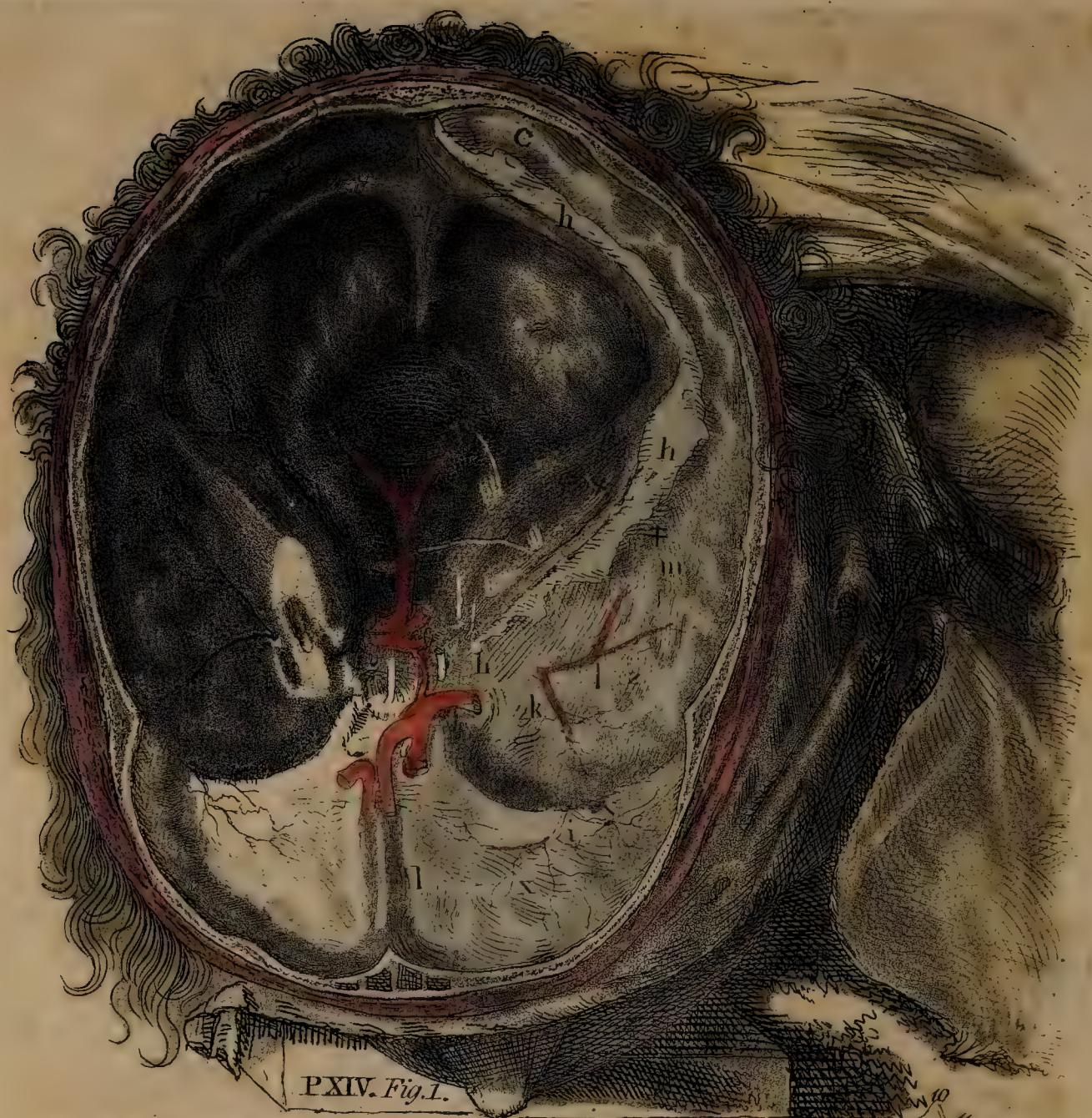
J. Newman M.D. Del? of Hospital

Published by the Committee of the First Church of Christ, Congregational.

6000-6000







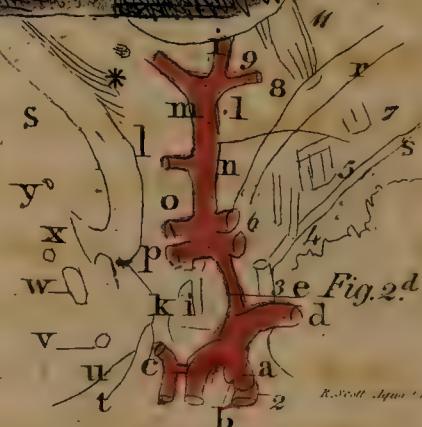
### Base of the Cranium.

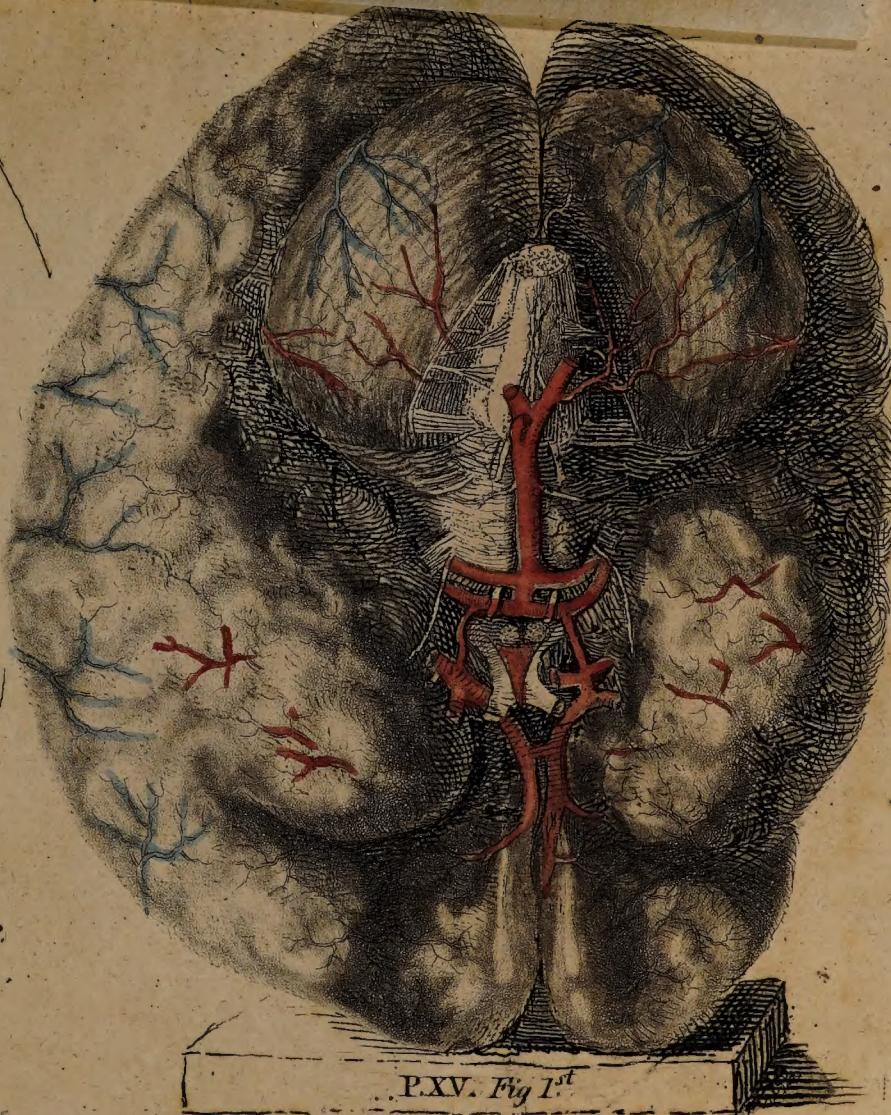
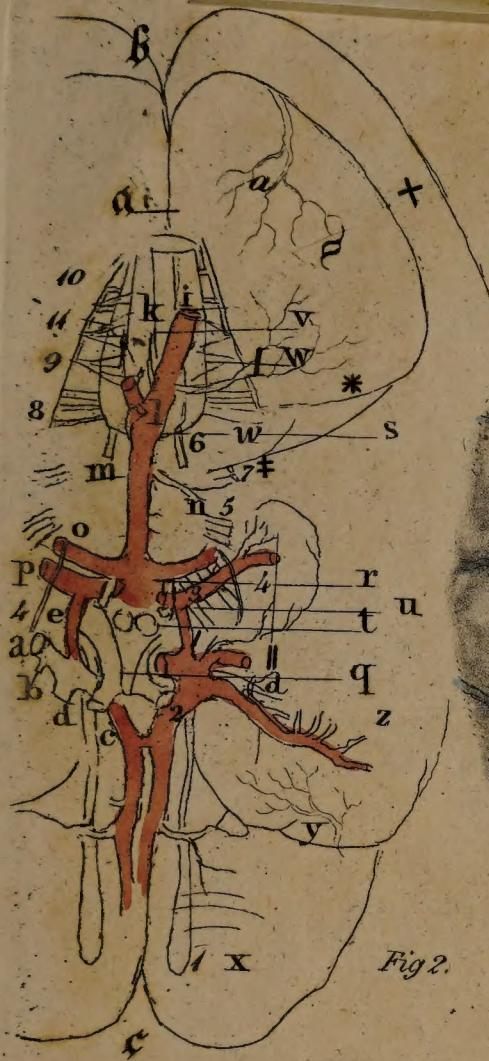
Fig. 1. a Junction of the Torcular, Sup<sup>!</sup> Long<sup>!</sup> &  
Lateral sinu<sup>s</sup>. g Occipital Falx & Sinus.  
h Tentorial Origins. I Cribriiform Plate.

Fig. 2<sup>d</sup>. Pituitary gland & Circular sinus.  
k Cavernous sinus. I Inferior Petrous sinus.  
S. Superior Petrous sinus.

A. Humeau A.D. Del' et Sculp.

Pub'd by A. Constable & C° Edinburgh 1913





### Base of the Brain.

Fig. 2<sup>d</sup> a. Carotid Artery. b. Ophthalmic. c. Anterior Cerebral & its transverse communicating Branch. d. Middle Cerebral. e. Lateral Communicating Branches. i. Vertebral. k. anterior Spinal Artery. l. inferior Cerebellic. m. Basillary. n. Auditory. o. Superior Cerebellic. p. Posterior Cerebral. q. Infundibulum. r. Foramen Coccum Anterior. s. Foramen Coccum Posterior. t. Corpora Allieantia. u. Grata Cerebri. o. m. Pons Varolii. w. Grata Cerebelli. v. Corpora Pyramidalia. w. Corpora Olivaria. x. Anterior Lobe of the Cerebrum. y. Fissura magna Sylvi. z. Middle Lobe. +. Posterior Lobe. †. Fissura Posterior. q. Inferior Lobe of the Cerebellum. \*Cone of the Cerebellum. ||Plexus Choroides.



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